

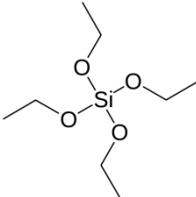
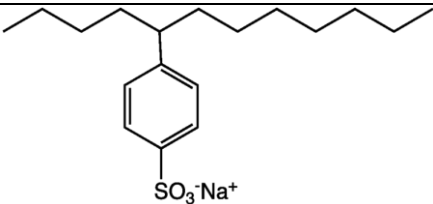
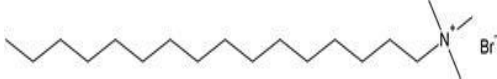
A simple solution for the determination of pristine carbon nanotube concentration

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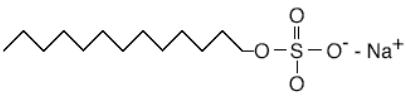
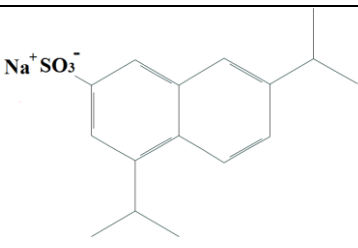
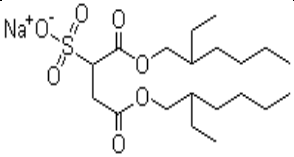
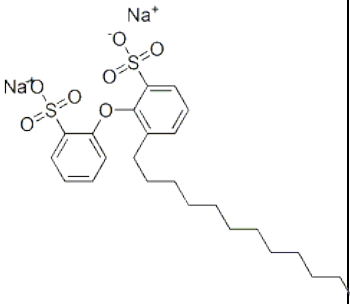
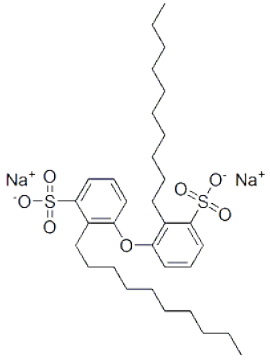
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Supporting materials

Table S1: Chemical data on dispersants.

Name	CAS	Molecular structure
Triton X-100 (TX100)	CAS 9002-93-1	$\text{CH}_3(\text{CH}_2)_6\text{CH}_2\text{---}\langle\text{C}_6\text{H}_4\rangle\text{---}[\text{OCH}_2\text{CH}_2]_x\text{OH}$
Tetraethylorthosilicate (TEOS)	CAS 78-10-4	
Bovine serum albumin(BSA)	CAS 9048-46-8	
β-lactoglobulin(BLAC)	CAS 9045-23-2	
Dodecylbenzene sulphonic acid sodium salt (SDBS)	CAS 25155-309-0	
Cetyltrimethylammonium bromide (CTAB)	CAS 57-09-0	

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Pluronic F-127(F127)	CAS 9003-11-6	$\text{H} \left[\text{OCH}_2\text{CH}_2 \right]_x \left[\text{OCH}_2\underset{\text{CH}_3}{\text{CH}} \right]_y \left[\text{OCH}_2\text{CH}_2 \right]_z \text{OH}$	
Sodium dodecylsulphate) (SDS)	CAS 151-2-31		
Sodium diisopropylnaphthalene sulphonate (Aerosol OS),	CAS 1322-93-6		
Sodium dioctylsulphosuccinate (Aerosol OT)	CAS 577-11-7		
Sodium monododecyl phenoxybenzene – disulphonate31.5-33.5% sodium didodecyl phenoxybenzene – disulphonate 11.5-13.5% (Aerosol DPOS-45)	CAS 28519-02-0 CAS25167-32-2		

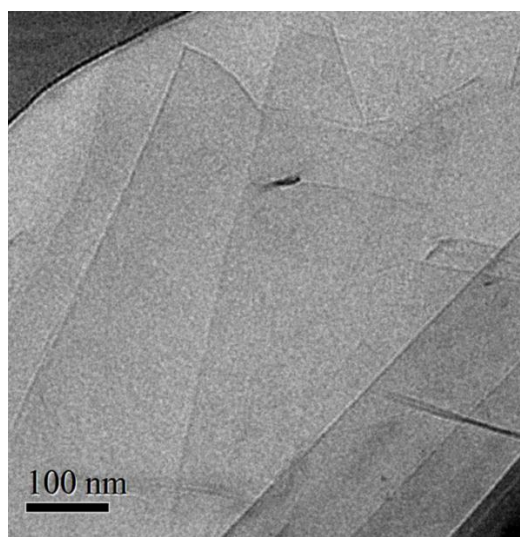


Figure S1: Cryo-TEM micrograph of GSs-TX100 (15 mg GF and 15 mg TX100/mL water).

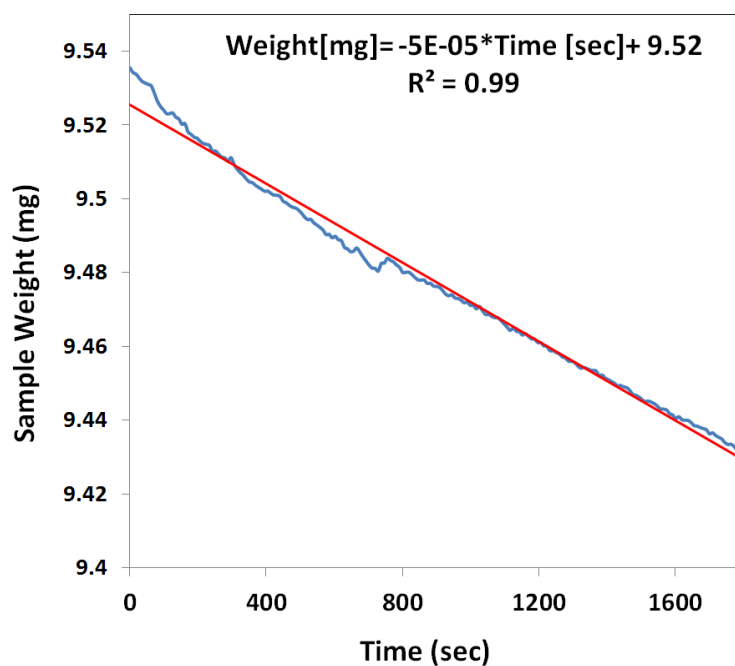


Figure S2: Thermograms of Nanolab MWCNTs. The blue curve indicates the sample weight-loss in the ordinate with respect to time at 430 °C. The red curve is the linear trend line.